

CLAIMS

- 1/ A device for electromagnetically protecting a drawer equipped with electronics cards and suitable for being inserted into a drawer-receiving structure through an opening provided in the front face of said structure, said device comprising six faces distributed around said cards, wherein one of said faces of said device is formed by the front face of said drawer, while the five other faces of said device are formed by the side faces, the top face, the bottom face, and the back face of said drawer-receiving structure, which faces are electrically conductive.
- 2/ A device according to claim 1, further comprising resilient electrical connection means for providing electrical connection between said front face of said drawer and said drawer-receiving structure.
- 3/ A device according to claim 2, wherein said resilient means are formed by electrically-conductive springs disposed on the edges of said opening provided in the front face of the structure, and/or on said drawer.
- 4/ A device according to claim 1, wherein at least one of said faces, namely said side faces, said top face, said bottom face and said back face is provided with openings for allowing air to flow through and/or for allowing electrical cables to pass through.
- 5/ A device according to claim 4, wherein, in the vicinity of its back face, said drawer-receiving structure is provided with connectors suitable for co-operating with connectors secured to said cards, and wherein said back face is a grating provided with openings for passing cables for connecting to said connectors of said structure.

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6/ A device according to claim 4, wherein said top and bottom faces are formed by plates provided with air-flow openings.

5 7/ A device according to claim 6, wherein the sum of the areas of the openings in each of said top and bottom faces is approximately equal to the area through which air can pass vertically in said drawer.

10 8/ A device according to claim 4, wherein the maximum dimension of said openings is considerably smaller than the minimum wavelength of the electromagnetic waves from which said drawer is to be isolated.

15 9/ A device according to claim 1, wherein said structure is suitable for receiving a plurality of drawers, the drawer-receiving recesses for two adjacent drawers being separated by an intermediate electrically-conductive plate suitable for creating electromagnetic isolation
20 between said two recesses.

10/ A device according to claim 9, wherein said intermediate plate is provided with openings for allowing air to flow through and/or for enabling electrical cables
25 to pass through, and it carries resilient means for establishing electrical connection with the front faces of the drawers received in said two recesses.

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